NEC

MultiSync®
LT81™ and LT100™

The ultimate sales force automation tool

Excellent image quality and brightness

Outstanding ease of use plus full-feature remote control

NEC Technologies

The ultra-portable MultiSync® LT Series projectors are the premier solution for making powerful presentations on the road.

Continuing the NEC Technologies legacy of outstanding image quality, ease of use and reliability, the new MultiSync LT Series single-chip DLP projectors are an ultra-portable solution for making powerful presentations. With exclusive NEC Technologies features, the MultiSync LT Series projectors stand out as the projectors of choice for sales force automation and mobile professionals:

- *Sales force automation* Featuring compact size and light weight, the MultiSync LT Series projectors are easy to take along wherever business takes you. They are easy to use, with simple plug and play setup and an intuitive remote control, so you don't have to fumble with complicated settings in front of your audience. And, NEC Technologies exclusive InstaCare℠ 24 hour replacement guarantee means you won't be stranded without a projector should a problem arise.

- *Mobile training* Mobile training professionals will appreciate the high brightness offered by the MultiSync LT Series projectors. Images can be seen clearly even with room lights on, enabling note-taking and demonstrations. In addition, the projectors' excellent compatibility puts an arsenal of training tools at your fingertips, with easy connection to VCRs, DVD players, PC and Macintosh® computers and laptops, allowing you to switch seamlessly between sources for a continual flow of information.

Any mobile professional who needs to make a powerful impression will benefit from the features and performance of the MultiSync LT Series projectors.

Designed and equipped for true portability. The MultiSync LT Series projectors are the ultra-portable projection solution for the professional on the go. They fit easily under the airplane seat in front of you, so you can take them wherever business takes you, with no hassles. Their sturdy construction includes a convenient handle integrated into the unit. And, a padded carrying case is included to ensure that your investment is protected. Other optional cases are available to provide extra protection during travel or shipping. For added convenience, the MultiSync LT Series projectors offer an optional PC Card Viewer so you can store and transport your presentation on a PCMCIA card and leave your laptop behind.

High brightness and accurate, lifelike color. The MultiSync LT Series projectors produce accurate, lifelike images using an entirely digital projection system. Texas Instruments single-chip DLP technology creates seamless images with a higher perceived resolution than that of other projection technologies. And, its digital gray scale and color reproduction results in lifelike color images with exceptional accuracy.

Additional image enhancements offered on the MultiSync LT Series projectors include a 2X color wheel that reduces flicker. Plus, the 3-Line Digital Comb Filter, for composite video sources, provides better Y/C separation for sharp edges, improved detail and less video noise.

High-resolution images without loss of data. Using NEC Technologies AccuBlend™ intelligent pixel blending technology, the MultiSync LT Series projectors deliver superior high-resolution images. Unlike competitive technologies that result in a significant loss of data, AccuBlend is an intelligent compression technology that blends and

	MultiSync LT81	MultiSync LT100
Brightness	800 ANSI lumens	1000 ANSI lumens
Resolutions supported	640 × 480–1024 × 768 w/ AccuBlend	640 × 480–1280 × 1024 w/ AccuBlend
Included remote control with integrated computer mouse	Yes Built-in laser pointer 360° infrared system for use from anywhere in the room	Yes Built-in laser pointer 360° infrared system for use from anywhere in the room
Enhanced video quality	3-Line Digital Comb Filter Wide aspect ratio capability Optional component video cable	3-Line Digital Comb Filter Wide aspect ratio capability Optional component video cable
Manual zoom	Yes	Yes
Audio and RGB outputs	Yes	Yes
Integrated carrying handle	Yes	Yes
Adjustable front and rear feet	Yes	Yes
InstaCare 24 hour replacement service	Yes 2 years	Yes 2 years

Smaller than a briefcase, the ultra-portable MultiSync LT Series projectors are a powerful solution for sales presentations.

Turns the projector on and off
Select your source with the touch of a button
Easily access and scroll-through the comprehensive on-screen menus
Right mouse click button (left click button on back)
Lets you reposition a magnified image
Allows you to magnify the image size up to 400%
Control the integrated laser pointer
The built-in mouse lets you control your computer and presentation, including launching the presentation and advancing slides
Turns off the image for a short period of time if you need to direct attention elsewhere
Lets you freeze your image for further audience clarification or emphasis
Adjust the projector's volume with one-touch ease
Enables you to forward and reverse your slide presentation when using the optional PC Card Viewer

Control your computer-based presentation and the projector with one easy-to-use wireless remote control (LT100 remote pictured)

remaps input data to match the available pixels on the DLP chip. Other technologies simply drop pixels or lines of information, resulting in a visible absence of information that can obscure important parts of your presentation.

Easy to use right out of the box. The MultiSync LT Series projectors are remarkably easy to use, eliminating the need for corporate training. Ease-of-use features include:

- *VGA cable* for simplified connection
- *On-screen controls* that allow fast and easy adjustments
- *Quick Connect Guide* that makes set-up a snap
- *Interactive CD-ROM* that provides a demonstration of key features

Total remote control simplifies set-up and use. The MultiSync LT Series projectors include a full-featured remote control with built-in laser pointer that enables quick, one-button access to important features. The remote control also provides access to helpful, intuitive on-screen controls that you can easily navigate using the integrated mouse. On-screen controls include:

- *Image adjustments* including brightness, color, contrast, sharpness and position.
- *Lamp timer* that displays how many hours the lamp has been used, helping you anticipate and manage maintenance of the projector.
- *Language select feature*, which allows you to select the language in which the on-screen menus appear.

Compatibility so broad, you just plug in and play. The MultiSync LT Series projectors offer quick and easy connection via a comprehensive input panel, which includes audio, computer, video and S-Video inputs. The included VGA cable and Macintosh® multimode adapter enable you to simply plug in and play. And, because the cable is an industry standard, you can replace it easily if you forget it or lose it on the road.

The MultiSync LT Series projectors are compatible with most common video standards in use today including NTSC, PAL, SECAM and NTSC 4.43. They can display screen formats from sources such as DVD and laser disc players. Plus, their universal power supply enables global companies to use the same projector model throughout their organization.

Unbeatable peace of mind with an exclusive service warranty. NEC Technologies exclusive InstaCare℠ service ensures you won't be stranded on the road with a projector that's not performing. InstaCare guarantees a replacement projector within 24 hours or repairs to your original projector within 72 hours. NEC Technologies pays for and tracks shipping of your projector and any replacement projector via Federal Express. In addition to this convenient service, you'll have the peace of mind of knowing that your projector is backed by the responsive service and support of NEC Technologies.

The MultiSync LT Series projectors offer the ultimate in portability. An integrated handle makes the projectors easy and convenient to carry.

MultiSync LT Series Accessories

NEC Technologies offers a full line of accessories designed to complement your MultiSync LT Series projector.

LT TownCase *This durable case was designed for local transportation and safe storage. A front pocket provides additional safe storage for the remote control, plus any cables.*

LT TownCase Plus *This case offers all of the features of the TownCase and the added convenience of a special pocket that safely stores your notebook computer.*

LT AirCase *This sturdy shipping case features reinforced panels, wheels and is ATA-approved for shipping via land carrier or airline. A Federal Express-approved transparent pouch stores shipping labels for added convenience.*

LT Mount *Sturdy, multiple-access ceiling mount features quick release capability for ease of transport, plus a built-in security feature.*

Replacement Lamp *A user changeable metal halide lamp. NEC recommends replacement after 1000 hours of use.*

Replacement Remote *Should your remote get lost or damaged, NEC offers an identical replacement remote.*

PC Card Viewer *Store and transport your presentation on a PCMCIA card. One memory card included.*

Component Video Cable *This optional cable can be used to display component video sources (DVD and laser disc players) connected to the RGB input of the projector for the highest video quality possible.*

MultiSync LT81 and LT100 Specifications Model #LT81, LT100

DMD

LT81:	1-Chip DMD, 800 × 600 pixel
LT100:	1-Chip DMD, 1024 × 768 pixel

Lens

Both models:	1.3 times manual zoom, manual focus, F2.44 F=26-30mm

Lamp

Both models:	Metal halide lamp 280 Watt DC

Image Size

Both models:	Min 24" (61cm), Max 300" (762cm)

Projection Distance

Both models:	Min 3.9' (1.2m), Max 40.4' (12.3m)

Light Output

LT81:	800 ANSI lumens, 1000 hour life
LT100:	1000 ANSI lumens, 1000 hour life

Contrast Ratio

Both models:	Greater than 250:1 ANSI 500:1 full on, full off

Color Reproduction

Both models:	16,777,216 colors simultaneously

Color Temperature

LT81:	5600° Kelvin
LT100:	7000° Kelvin

Synchronization Range

LT81:	Horizontal: 15 to 60kHz (non-interlaced) Vertical: 50 to 85Hz
LT100:	Horizontal: 15 to 85kHz (non-interlaced) Vertical: 50 to 85Hz

RGB

Both models:	Input Signals: Visual: 75 ohm 0.7Vp-positive, Sync TTL Audio: 47k ohm 0.4V rms Input Terminals: Visual: 15pin to 15pin mini D sub cable Audio: Stereo Mini Jack Output Terminals: Visual: RGB Throughout Audio: Stereo Mini Jack

PC Compatibility

Both models:	640 × 480:	60, 72, 75 and 85Hz vertical refresh
Both models:	800 × 600:	56 to 75Hz vertical refresh
LT81:	1024 × 768:	AccuBlend
LT100:	1024 × 768	
LT100:	1280 × 1024:	AccuBlend

Macintosh Compatibility

Both models:	640 × 480:	60 and 67Hz vertical refresh
LT81:	832 × 624:	AccuBlend
LT100:	832 × 624	

Video

Both models:	Input Signals: Visual: S-Video Y: 75 ohm .72Vp-p, C: 75 ohm 0.28Vp-p Audio: 47k ohm 0.4V rms Input Terminals: Visual: RCA Audio: RCA x 2 Horizontal Resolution: NTSC 550 lines PAL / SECAM / NTSC 4.43 350 lines

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All specifications are the same for both models unless otherwise noted.

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Video Compatibility

Both models:	NTSC / PAL / SECAM / NTSC 4.43 3-Line Digital Comb Filter

Audio

Both models:	Built-in mono speaker (1.0w, 8 ohm)

Remote Control Functions

Both models:	Computer Mouse Control with left and right click buttons, Built-in Laser Pointer, Source Selection, Volume, Picture Magnification, Position, Picture Freeze, Picture Mute

On-screen Controls

Both models:	Source Selection Menu: Video, S-Video, RGB, PC Card (optional) Image Adjust Menu: Volume, Brightness, Contrast, Color, Tint, Sharpness, Image Mode, H Position, V Position, Auto Picture, Picture Adjust, Fine Picture Adjust, White Balance Power Menu: Lamp Timer, Auto Start, Power Management, On-screen Mute Settings Menu: Custom Memory, Set Position, Language Select, Reset
LT100:	PC Card, White Balance, Display Mode, Image Capture, Background

Fan Noise

Both models:	Less than 44dB

Input Current

Both models:	4.6A (100-120VAC), 2.2A (220-240 VAC)

Power Requirement

Both models:	100–120v/220–240v AC, 50Hz/60Hz

Power Consumption

Both models:	400W, 6.25A

Dimensions (W×H×D)

LT81:	9.7" x 5.1" x 12.8" (24.6cm x 13.0cm x 32.5cm)
LT100:	9.8" x 5.6" x 13.4" (25.0cm x 14.2cm x 34.0cm)

Net Weight

LT81:	9.9 lbs. (4.5kg)
LT100:	10.8 lbs. (4.9kg)

Supplied Accessories

Both models:	Carrying Case, Wireless Remote Control with wireless mouse and laser pointer, Signal Cable, Mac Adapter, Power Cable, User's Manual, Registration Card, Quick Connect Guide, Remote Cable, Introductory CD-ROM, Remote Mouse Reciever

Safety and Regulation

Both models:	FCC: Class "A", UL 1950, CSA

Environmental Considerations

Both models:	Temperature: 41°–95°F (5°–35°C), operational Humidity 30%–85%, operational

Warranty

Both models:	2 year limited, parts and labor including InstaCare 24 hour replacement service
Both lamps:	1000 hours or 6 months, whichever comes first

For the location of the MultiSync LT dealer nearest you or for more information on MultiSync LT accessories, call **1-800-NEC-INFO**.

To speak to a MultiSync LT customer service representative, call **1-800-836-0655**.

Visit our World Wide Web home page at **http://www.nectech.com**.

For more information via fax, call **NEC FastFacts**™ at **1-800-366-0476** and request **Catalog #1**.

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